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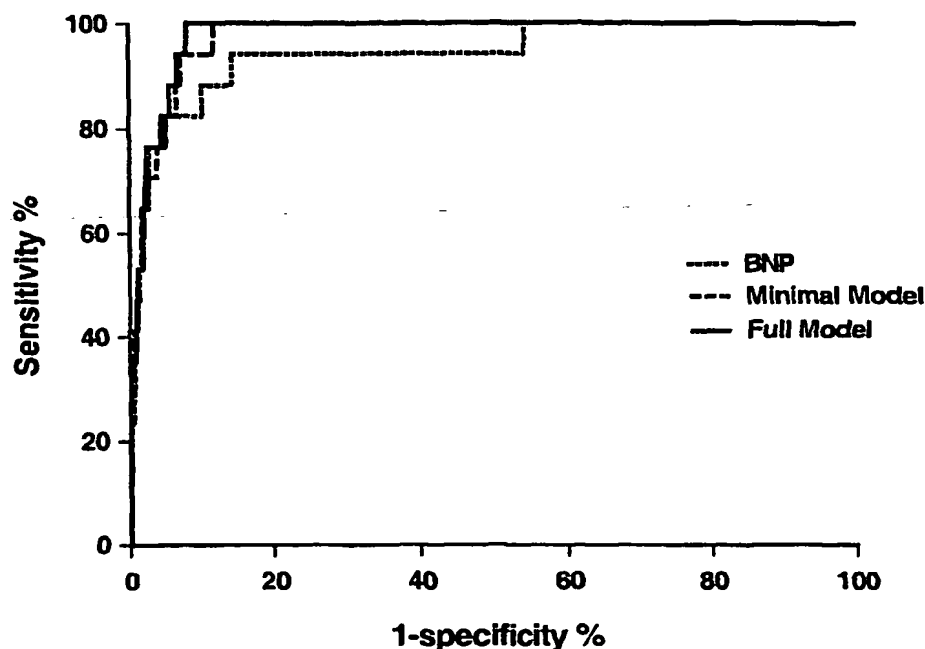
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- (71) Applicant (for all designated States except US): **UNIVERSITY OF LEICESTER** [GB/GB]; Dept. of Medicine and Therapeutics, Clinical Sciences Building, Leicester LE2 7LX (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **NG, Leong, Loke** [CN/GB]; 35 Shirley Avenue, Leicester LE2 3NB (GB).
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(57) Abstract: A method for screening patients for heart failure such as left ventricular systolic dysfunction (LVSD) comprises measuring a biomarker and taking an ECG measurement and combining both as factors to obtain a result indicative of the probability of the patient having heart failure. As a result the level of accuracy of the screening is significantly increased. Preferred biomarkers are natriuretic peptides (e.g. ANP, BNP).